



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): John H. Oats et al.

Application No: 10/099,883

Filing Date: March 14, 2002

Entitled: WIRELESS COMMUNICATIONS  
SYSTEMS AND METHODS FOR  
MULTIPLE PROCESSOR BASED  
MULTIPLE USER DETECTION

Atty. Docket No: 102323-00099

Confirmation No.: 5431

Group Art Unit: 2637

Examiner: Vlahos, Sophia

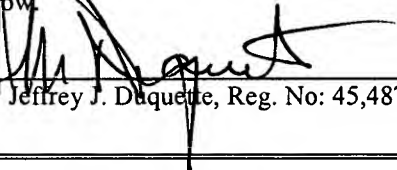
Certificate of Mailing or Transmission(37 C.F.R. 1.8)

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October 12, 2005

Date of Signature and transmission

By:

  
Jeffrey J. Duquette, Reg. No: 45,487

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action mailed on July 12, 2005, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.

10/17/2005 AKELECH1 00000022 10099883

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<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/099,883-Conf. #5431
		Filing Date	March 14, 2002
		First Named Inventor	John H. Oates
		Examiner Name	S. Vlahos
		Art Unit	2637
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	102323-0099
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b>	<b>100.00</b>

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input type="checkbox"/> Deposit Account	Deposit Account Number: <u>141449</u>
Deposit Account Name: <u>Nutter McClennen &amp; Fish LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____
<b>2. EXCESS CLAIM FEES</b>							
						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
<b>Fee Description</b>							
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		<b>Multiple Dependent Claims</b>		
<u>22</u>	<u>- 20 = 2</u>	<u>x 50.00</u>	<u>= 100.00</u>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>				
<u>      </u>	<u>- 3 =</u>	<u>x</u>	<u>=</u>				
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>		
<u>      </u>	<u>- 100 =</u>	<u>/50</u>	<u>(round up to a whole number) x</u>	<u>      </u>	<u>=</u>		
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)						<b>Fees Paid (\$)</b>	
Other (e.g., late filing surcharge): _____							

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	45,487
Name (Print/Type)	Jeffrey J. Duquette	Telephone	(617) 439-2000
		Date	October 12, 2005

<b>Fee Transmittal</b>	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1159, Alexandria, VA 22313-1450, on the date shown below.	
Dated: October 12, 2005	Signature:  (Jeffrey J. Duquette)